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## Beam Ray Rife Machine



# Dr. Rife's True Original Frequencies

The frequencies found on this page are the frequencies you need to know when looking to purchase a frequency generator. Dr. Rife's true original frequencies found on this page are not based on supposition, but hard evidence, gathered from all the known Rife documents and the actual analyzing of three original Rife machines that have been found. It is interesting to note that the frequencies stayed the same with all the instruments. It was only the method of producing the frequencies which changed from the Rife Ray #4 to the Rife Ray #5. After reading this page you will want to read "["Dr. Rife and Philip Hoyland's 3.30 MHz sweep"](#) page.

Below in the first chart are Dr. Rife's 1936 high RF frequencies which were calculated from Philip Hoyland's sideband method of generating Dr. Rife's original frequencies. It contains the most accurate primary frequencies of Dr. Rife's true frequencies or M.O.R.s taken from a [replica of one of the original Rife Ray #5](#) or Beam Ray Clinical machines built in 1938. The term M.O.R. stands for "Mortal Oscillatory Rate" or the frequency that will devitalize, kill or render harmless the harmful microorganism.

The Rife Ray #5 or Beam Ray Clinical instrument was designed and built in the summer of 1936 by Philip Hoyland who was Dr. Rife's engineer. This machine went into full production in the spring of 1938 when the Beam Ray Corporation was formed. The new Beam Ray Clinical machine was the only Rife Machine that was ever sold to doctors. The new Beam Ray Clinical machine was also using a new method, designed By Philip Hoyland, of producing Dr. Rife's high RF frequencies through the use of a Low Q circuit which produced high RF harmonic sideband frequencies. These high RF sideband frequencies were created by using a high RF carrier frequency modulated with low audio frequencies. The low audio frequencies were not the treatment frequencies but they created the sideband treatment frequencies from the high RF carrier frequency. If the low audio frequencies which produced the sideband frequencies were off more than several Hertz or frequencies the sideband method would not work. Because of this problem Philip Hoyland made sure that he used the most accurate audio frequencies that would put the sideband frequencies, which devitalized the disease organisms, in the middle of their window of vulnerability.

Dr. Rife found that every disease organism has a frequency range in which it can be affected and this is what we will call its window of vulnerability. It appears that Philip Hoyland wanted to make sure that each sideband frequency that would devitalize a disease organism was as close to the middle of this window of vulnerability as he could get it. The sideband method that Philip Hoyland used was considered the cutting edge of radio technology in 1936 when he developed this new Rife Ray #5 or Beam Ray Clinical machine for Dr. Rife. When people hear about the famous [1934 clinic where 16 patients](#), some having cancer and some having tuberculosis, recovered, it was these primary frequencies that were used. You will notice in the chart below that none of these frequencies are low audio frequencies. These frequencies range from 139,200 Hertz for Anthrax to 1,607,450 Hertz for the BX Cancer virus. Dr. Rife did not use low audio frequencies on these organisms to devitalize or render them harmless. The audio frequencies were used to produce the high RF sideband frequencies. It was these high RF sideband frequencies that devitalized the microorganisms. Dr. Rife always used high RF (Radio frequencies) on these organisms. To see the original 1935 document from Dr. Rife's lab showing the original high RF primary frequencies [click here](#).

**Dr. Rife's Original High RF Frequencies Fine Tuned To The Precise Frequencies By Philip Hoyland In 1936.**

Actinomycosis (Streptothrix)	191,803 Hz
Anthrax	139,200 Hz
B. Coli (Rod form)	416,510 Hz
B. Coli (Filterable virus)	769,035 Hz
Bacillus X or BX (Cancer Carcinoma)	1,607,450 Hz
Bacillus Y or BY (Cancer Sarcoma)	1,529,520 Hz
Gonorrhea	233,000 Hz
Spinal Meningitis	426,862 Hz
Staphylococcus Pyogenes Aureus	477,660 Hz
Staphylococcus Pyogenes Albus	549,070 Hz
Streptococcus Pyogenes	719,150 Hz
Syphilis	788,700 Hz
Tetanus	234,000 Hz
Tuberculosis (Rod)	369,433 Hz
Tuberculosis (Virus)	769,000 Hz
Typhoid Fever (Rod)	759,450 Hz
Typhoid Fever (Virus)	1,445,180 Hz

Below in the second chart are Dr. Rife's 1935 frequencies that were used in his [Rife Ray #3](#) and [Rife Ray #4](#) Rife Machines. These frequencies were read in 1935 by Dr. Rife's engineer, Philip Hoyland, from Dr. Rife's Rife Ray #3 instrument using a master oscillator. These frequencies ranged from 139,200 Hertz for Anthrax to 1,604,000 Hertz for the BX Cancer virus. The reason there is a slight difference in the frequencies of the first chart, shown above, and the second chart, shown below, is Philip Hoyland, who was Dr. Rife's engineer, fine-tuned the frequencies in 1936 so that he would have the most accurate frequencies for use in the new [Rife Ray #5 or Beam Ray Clinical instrument](#).

Though it appears that the 1936 frequencies are the more accurate frequencies anyone looking at these two frequency charts should understand that both charts represent the same M.O.R.s. You will notice, in the chart below, that all but one of these frequencies were rounded to the nearest thousandth indicating that Philip Hoyland did not take several readings of each frequency in 1935. Had he taken several readings of each frequency this list would have been more accurate rather than the frequencies having been rounded to the nearest thousandth. Because of the slight difference between the frequencies in these charts anyone using them would want to cover both sets of frequencies just to make sure that they did not miss the M.O.R. frequency they were trying to hit. To again see the original 1935 document from Dr. Rife's lab showing the original 1935 frequencies [click here](#).

**Dr. Rife's Original Rife Ray #4 High RF Frequencies Read By Philip Hoyland in 1935. All But One Frequency Was Rounded To The Thousandth.**

Actinomycosis (Streptothrix)	192,000 Hz
Anthrax	139,200 Hz
B. Coli (Rod form)	417,000 Hz
B. Coli (Filterable virus)	770,000 Hz
Bacillus X or BX Virus (Cancer Carcinoma)	1,604,000 Hz
Bacillus Y or BY Virus (Cancer Sarcoma) This frequency was not on the Rife Ray #4 document because it was not found at that time. It was in 1936 when this viruses frequency was obtained and it was used in the Beam Ray Clinical machine. We included it here with this explanation.	1,530,000 Hz
Gonorrhea	233,000 Hz
Spinal Meningitis	427,000 Hz
Staphylococcus Pyogenes Aureus	478,000 Hz
Streptococcus Pyogenes	720,000 Hz
Syphilis	789,000 Hz
Tetanus	234,000 Hz
Tuberculosis (Rod)	369,000 Hz
Tuberculosis (Virus)	769,000 Hz
Typhoid Fever (Rod)	760,000 Hz
Typhoid Fever (Virus)	1,445,000 Hz

Now that we understand why these two frequency charts are slightly different we will again look at the 1936 chart, or the first chart on this page that has the more accurate high RF frequencies. As we pointed out these more accurate high RF frequencies were obtained from the original audio frequencies used in the Rife Ray #5 or Beam Ray Clinical machine which produced the harmonic sideband frequencies which devitalized the harmful microorganisms.

In the next chart, shown below, are the higher audio frequencies that were used in the original Beam Ray Clinical machine to produced, through harmonic sidebands, the more accurate high RF frequencies. Again we will point out that these high audio frequencies, shown in the chart below, were the frequencies used to create the 1936 chart of Dr. Rife's high RF frequencies. People have mistakenly used these higher audio frequencies believing that they were Dr. Rife's original primary frequencies. They did this because they did not know that these high audio frequencies had to be used with a harmonic carrier frequency of 3.30 Megahertz (3,300,000 Hertz) to produce through harmonic sidebands Dr. Rife original high RF frequencies.

**Higher Low Audio Frequencies Incorrectly Believed To Be Dr. Rife's True Frequencies. Must Be Used With 3.30 MHz To Work.**

B or E Coli Rod	8,020 Hz	Syphilis or Treponema	6,600 Hz
B or E Coli Virus	17,220 Hz	Tetanus	1,200 Hz
BX Virus Carcinoma	21,275 Hz	Tuberculosis Rod	8,300 Hz
BY Sarcoma	20,080 Hz	Tuberculosis Virus	16,000 Hz
Pneumonia or Spinal Meningitis	7,660 Hz	Typhoid Rod	6,900 Hz
Staphylococcus	7,270 Hz	Typhoid Virus	18,620 Hz
Streptococcus	8,450 Hz	Worms	2,400 Hz
Streptothrix	7,870 Hz		

For the readers understanding we will give a condensed version on how this mistake came about. The audio frequencies that were used in the Rife Ray #5 or Beam Ray Clinical Rife machines came about because Dr. Rife's engineer, Philip

Hoyland, used audio frequencies to create high frequency sidebands that would hit the higher harmonics of Dr. Rife's original frequencies. It was the sideband frequency which would then devitalize or kill the harmful microorganism. Philip Hoyland also used in this Beam Ray Clinical instrument a new M.O.P.A (Master Oscillator Power Amplifier) circuit design. It was this new circuit design which created the high RF sideband frequencies for each organism.

To date we know that Philip Hoyland used two different RF carrier frequencies, [3.30](#) and [3.80](#) Megahertz, in his Rife Ray #5 or Beam Ray Clinical Instruments. He could have used any RF carrier frequency, within this 3 Megahertz range, as long as the audio frequencies are correctly matched to the carrier frequency. Today some use a 3.10 Megahertz RF carrier frequency with the correctly matched audio frequencies for that carrier frequency. This 3.10 Megahertz carrier will also produce Dr. Rife's original higher RF frequencies used in the Rife Ray #5 or Beam Ray Clinical instrument.

In one of the [Original 1938 Beam Ray Clinical instruments](#) Philip Hoyland used a 3.30 Megahertz fixed RF harmonic carrier frequency in combination with the different audio frequencies shown in the above chart. But what the reader needs to understand is that neither the 3.30 Megahertz carrier frequency nor the audio frequencies will do anything by themselves. It is only when the 3.30 Megahertz RF harmonic carrier frequency and the audio frequencies are combined or modulated together will they produce many harmonic sideband frequencies. It is one of these harmonic sideband frequencies which would line up with a higher harmonic of Dr. Rife's primary M.O.R frequency and devitalize or render harmless the harmful microorganism.

Because this information is so **IMPORTANT** we need to re-emphasize this fact so that no one who reads this information misunderstands. If you just use the audio frequencies by themselves you will not produce Dr. Rife's frequencies. If you just use the 3.30 Megahertz carrier without the audio frequencies you will not produce Dr. Rife's frequencies. The audio frequencies used in this instrument MUST be combined with an RF carrier frequency of 3.30 Megahertz or they are useless and will not produce any of Dr. Rife's high RF frequencies. It is the high RF sideband frequencies that are produced by the combining or modulating of the audio frequencies and the 3.30 MHz fixed carrier frequency that killed or devitalized the microorganisms. Because this interaction between the audio frequencies and the 3.30 megahertz carrier frequency was not understood, is the reason the 1950's Beam Ray Clinical replica instrument called the AZ-58 did not work to its full capability.

Philip Hoyland used these higher audio frequencies so that he could hide Dr. Rife's true frequencies. The reason he had to hide Dr. Rife's true frequencies is due to the fact that Dr. Rife could not patent his Rife Machine or his frequencies. Dr. Rife's machines were standard frequency generating equipment of his day. The technology of generating frequencies had been in public domain for many years and this kept Dr. Rife from patenting his machine. To learn the complete story of his instruments read ["The Rife Machine Report"](#) on this site. If you want to know the complete story about these higher audio frequencies then read [Chapter 11](#) of "The Rife Machine Report".

The frequencies that Dr. Rife found for the various microorganisms were also considered un-patentable because they naturally occur in nature. Because there was no patent protection Philip Hoyland found a way to hide Dr. Rife's true frequencies using audio frequencies to create the proper high RF frequencies, using sidebands. Because Philip Hoyland used the high frequency sideband method to hide the true frequencies, never revealing to Dr. Rife or anyone else how he hid the frequencies, people have wrongly believed that these higher low audio frequencies were Dr. Rife's true primary frequencies that would eliminate the diseases.

People today still use these higher low audio frequencies wrongly believing that they are Dr. Rife's true frequencies. They do not understand that they have to be used with a 3.30 Megahertz harmonic carrier frequency to produce Dr. Rife's true frequencies. To learn the complete historical information about how this happened read the entire document on this site called ["The Rife Machine Report"](#). To learn about the full potential of this Beam Ray Clinical machine read ["Dr. Rife and Philip Hoyland's 3.30 MHz sweep"](#) page. The full potential of this Beam Ray Clinical instrument is just beginning to be understood.

There was another secret that Philip Hoyland would not reveal when he built the Rife Ray #5 or Beam Ray Clinical instrument. When he developed this new type of Beam Ray Clinical instrument he did not use Dr. Rife's original M.O.R. frequencies that were used in the Rife Ray #3 or the Rife Ray #4. What he did was use higher harmonic frequencies based on Dr. Rife's original M.O.R. frequencies. It is clear that Dr. Rife knew and talked about the fact that his frequencies were sub-harmonics of true higher frequencies. Philip Hoyland must have listened to Dr. Rife talk about how his frequencies were just sub-harmonics of true higher frequencies and realized that he could use these higher harmonics as the new M.O.R. frequencies in a new instrument. It is also apparent that Philip Hoyland found through testing that every one of Dr. Rife's frequencies were sub-harmonics of a true higher frequency. With this understanding and knowledge that every harmonic of Dr. Rife's frequencies could be used as an M.O.R. Philip Hoyland built in 1936 the new Rife Ray #5 or Beam Ray Clinical instrument and used these higher harmonic frequencies as the [new primary frequencies in the new machines](#).

In the next three charts, shown below, you will see Dr. Rife's primary frequencies and the many harmonic frequencies that can also be used as primary frequencies. The first frequency listed under each organism is Dr. Rife's primary frequency for that organism. The frequencies with the single asterisk\* were used as the primary frequencies in the [Aubrey Scoon Beam Ray Clinical instrument](#) replica that used the 3.30 Megahertz fixed carrier frequency. The frequencies with the double asterisk\*\* were used as the primary frequencies in the [Original Beam Ray Clinical instrument](#) which used a 3.80 megahertz fixed carrier frequency. Some of the same frequencies were used in both machines and those have both the single and double asterisks.

Because of the discoveries of Dr. Rife and Philip Hoyland's use of harmonic frequencies we know that every frequency shown in these three charts, up to the 20th harmonic, could be used as a primary frequency M.O.R. for these organisms. Those who have a frequency generator that can output these frequencies may want to use these frequencies. Please keep

in mind that Philip Hoyland used the frequencies as high as the 20th harmonic, on some organisms, in his Beam Ray Clinical instruments. Therefore it is reasonable to assume that harmonics higher than this could be used. How high the harmonics can be used is not known. If you want a higher resolution copy of these three charts click on, [Chart 1](#), [Chart 2](#), [Chart 3](#).

Streptothrix	Anthrax	B or E Coli Rod	B or E Coli Viurs	BX Cancer Virus	BY Cancer Organism
1 191803	1 139200	1 416510	1 769035	1 1607450	1 1529520
2 383606	2 278400	2 833020	2 1538070	2 * 3214900	2 * 3059040
3 575409	3 417600	3 1249530	3 2307105	3 4822350	3 4588560
4 767212	4 556800	4 1666040	4 *3076140	4 6429800	4 6118080
5 959015	5 696000	5 2082550	5 **3845175	5 8037250	5 7647600
6 1150818	6 835200	6 2499060	6 4614210	6 9644700	6 9177120
7 1342621	7 974400	7 2915570	7 5383245	7 11252150	7 10706640
8 1534424	8 1113600	8 *332080	8 6152280	8 12859600	8 12236160
9 1726227	9 1252800	9 **3748590	9 6921315	9 14467050	9 13765680
10 1918030	10 1392000	10 4165100	10 7690350	10 16074500	10 15295200
11 2109833	11 1531200	11 4581610	11 8459385	11 17681950	11 16824720
12 2301636	12 1670400	12 4998120	12 9228420	12 19289400	12 18354240
13 2493439	13 1809600	13 5414630	13 9997455	13 20896850	13 19883760
14 2685242	14 1948800	14 5831140	14 10766490	14 22504300	14 21413280
15 2877045	15 2088000	15 6247650	15 11535525	15 24111750	15 22942800
16 3068848	16 2227200	16 6664160	16 12304560	16 25719200	16 24472320
17 *3260651	17 2366400	17 7080670	17 13073595	17 27326650	17 26001840
18 3452454	18 2505600	18 7497180	18 13842630	18 28934100	18 27531360
19 3644257	19 2644800	19 7913690	19 14611665	19 30541550	19 29060880
20 **3836060	20 2784000	20 8330200	20 15380700	20 32149000	20 30590400
21 4027863	21 2923200	21 8746710	21 16149735	21 33756450	21 32119920
22 4219666	22 3062400	22 9163220	22 16918770	22 35363900	22 33649440
23 4411469	23 3201600	23 9579730	23 17687805	23 36971350	23 35178960
24 4603272	24 *3340800	24 9996240	24 18456840	24 38578800	24 36708480
25 4795075	25 3480000	25 10412750	25 19225875	25 40186250	25 38238000
26 4986878	26 3619200	26 10829260	26 19994910	26 41793700	26 39767520
27 5178681	27 **3758400	27 11245770	27 20763945	27 43401150	27 41297040
28 5370484	28 3897600	28 11662280	28 21532980	28 45008600	28 42826560
29 5562287	29 4036800	29 12078790	29 22302015	29 46616050	29 44356080
30 5754090	30 4176000	30 12495300	30 23071050	30 48223500	30 45885600
31 5945893	31 4315200	31 12911810	31 23840085	31 49830950	31 47415120
32 6137696	32 4454400	32 13328320	32 24609120	32 51438400	32 48944640
33 6329499	33 4593600	33 13744830	33 25378155	33 53045850	33 50474160
34 6521302	34 4732800	34 14161340	34 26147190	34 54653300	34 52003680

Gonorrhea	Spinal Meningitis	Staph Pyo Aureus	Strept Pyogenes	Syphilis
1 233000	1 426862	1 477660	1 719150	1 788700
2 466000	2 853724	2 955320	2 1438300	2 1577400
3 699000	3 1280586	3 1432980	3 2157450	3 2366100
4 932000	4 1707448	4 1910640	4 2876600	4 *3154800
5 1165000	5 2134310	5 2388300	5 * 3595750	5 **3943500
6 1398000	6 2561172	6 2865960	6 4314900	6 4732200
7 1631000	7 2988034	7 *3343620	7 5034050	7 5520900
8 1864000	8 *3414896	8 **3821280	8 5753200	8 6309600
9 2097000	9 **3841758	9 4298940	9 6472350	9 7098300
10 2330000	10 4268620	10 4776600	10 7191500	10 7887000
11 2563000	11 4695482	11 5254260	11 7910650	11 8675700
12 2796000	12 5122344	12 5731920	12 8629800	12 9464400
13 3029000	13 5549206	13 6209580	13 9348950	13 10253100
14 *3262000	14 5976068	14 6687240	14 10068100	14 11041800
15 3495000	15 6402930	15 7164900	15 10787250	15 11830500
16 **3728000	16 6829792	16 7642560	16 11506400	16 12619200
17 3961000	17 7256654	17 8120220	17 12225550	17 13407900
18 4194000	18 7683516	18 8597880	18 12944700	18 14196600
19 4427000	19 8110378	19 9075540	19 13663850	19 14985300
20 4660000	20 8537240	20 9553200	20 14383000	20 15774000
21 4893000	21 8964102	21 10030860	21 15102150	21 16562700
22 5126000	22 9390964	22 10508520	22 15821300	22 17351400
23 5359000	23 9817826	23 10986180	23 16540450	23 18140100
24 5592000	24 10244688	24 11463840	24 17259600	24 18928800
25 5825000	25 10671550	25 11941500	25 17978750	25 19717500
26 6058000	26 11098412	26 12419160	26 18697900	26 20506200
27 6291000	27 11525274	27 12896820	27 19417050	27 21294900
28 6524000	28 11952136	28 13374480	28 20136200	28 22083600
29 6757000	29 12378998	29 13852140	29 20855350	29 22872300
30 6990000	30 12805860	30 14329800	30 21574500	30 23661000
31 7223000	31 13232722	31 14807460	31 22293650	31 24449700
32 7456000	32 13659584	32 15285120	32 23012800	32 25238400
33 7689000	33 14086446	33 15762780	33 23731950	33 26027100
34 7922000	34 14513308	34 16240440	34 24451100	34 26815800

Tetanus	234000	Tuberculosis Rod	369433	Tuberculosis Virus	769000	Typhoid Rod	759450	Typhoid Virus	1445180
1	234000	1	369433	1	769000	1	759450	1	1445180
2	468000	2	738866	2	1538000	2	1518900	2	*2890360
3	702000	3	1108299	3	2307000	3	2278350	3	**4335540
4	936000	4	1477732	4	*3076000	4	*3037800	4	5780720
5	1170000	5	1847165	5	**3845000	5	**3797250	5	7225900
6	1404000	6	2216598	6	4614000	6	4556700	6	8671080
7	1638000	7	2586031	7	5383000	7	5316150	7	10116260
8	1872000	8	2955464	8	6152000	8	6075600	8	11561440
9	2106000	9	*3324897	9	6921000	9	6835050	9	13006620
10	2340000	10	**3694330	10	7690000	10	7594500	10	14451800
11	2574000	11	4063763	11	8459000	11	8353950	11	15896980
12	2808000	12	4433196	12	9228000	12	9113400	12	17342160
13	3042000	13	4802629	13	9997000	13	9872850	13	18787340
14	*3276000	14	5172062	14	10766000	14	10632300	14	20232520
15	3510000	15	5541495	15	11535000	15	11391750	15	21677700
16	**3744000	16	5910928	16	12304000	16	12151200	16	23122880
17	3978000	17	6280361	17	13073000	17	12910650	17	24568060
18	4212000	18	6649794	18	13842000	18	13670100	18	26013240
19	4446000	19	7019227	19	14611000	19	14429550	19	27458420
20	4680000	20	7388660	20	15380000	20	15189000	20	28903600
21	4914000	21	7758093	21	16149000	21	15948450	21	30348780
22	5148000	22	8127526	22	16918000	22	16707900	22	31793960
23	5382000	23	8496959	23	17687000	23	17467350	23	33239140
24	5616000	24	8866392	24	18456000	24	18226800	24	34684320
25	5850000	25	9235825	25	19225000	25	18986250	25	36129500
26	6084000	26	9605258	26	19994000	26	19745700	26	37574680
27	6318000	27	9974691	27	20763000	27	20505150	27	39019860
28	6552000	28	10344124	28	21532000	28	21264600	28	40465040
29	6786000	29	10713557	29	22301000	29	22024050	29	41910220
30	7020000	30	11082990	30	23070000	30	22783500	30	43355400
31	7254000	31	11452423	31	23839000	31	23542950	31	44800580
32	7488000	32	11821856	32	24608000	32	24302400	32	46245760
33	7722000	33	12191289	33	25377000	33	25061850	33	47690940
34	7956000	34	12560722	34	26146000	34	25821300	34	49136120

Because the sideband method that Philip Hoyland used in the Beam Ray instrument is somewhat difficult to understand, we have created some sideband charts below that will make it easier to understand. In the next chart, shown below, we will show how the Beam Ray Clinical M.O.P.A. instrument produced the BX cancer virus (carcinoma) primary frequency of 3,214,900 hertz. The original Beam Ray Clinical instrument not only had the capability to produce sidebands but it also could produce harmonic sidebands. The ability of this instrument to produce harmonic sidebands made it possible for Philip Hoyland to use a fixed carrier frequency of 3.30 Megahertz (3,300,000 Hertz) and modulate (combine) that carrier frequency with an audio frequency of 21,275 Hertz to produce the BX cancer virus primary frequency of 3,214,900 Hertz (this was Dr. Rife's primary BX frequency of 1,607,450 Hertz multiplied by 2). What happens in the Beam Ray instrument is the audio frequency of 21,275 Hertz creates many sideband frequencies exactly 21,275 Hertz apart. The 4th lower sideband frequency that is created from 21,275 Hertz is the BX cancer virus primary frequency of 3,214,900 Hertz. Using this method Philip Hoyland was able to use audio frequencies modulated or combined with a 3.30 Megahertz carrier frequency to produce through sidebands, all of Dr. Rife's primary frequencies.

PLEASE NOTE: Every line except the 3.30 MHz Carrier frequency line, represents a sideband frequency. We did not put the frequency down for every sideband so that we could clearly show the sideband frequency that produced the correct frequency that would devitalize or render harmless the microorganism.

**1930's Beam Ray Clinical Rife Machine**  
**BX Cancer Virus primary frequency**  
 used with this machine was **3,214,900** Hertz.

The **3,300,000** Hertz Carrier frequency was modulated with an audio frequency of **21,275** Hertz. It produced harmonic sidebands every **21,275** Hertz apart.

The 4th lower sideband hit the BX frequency of **3,214,900** Hertz.

Each Sideband is **21,275** Hertz apart.

$$21,275 \times 4 = 85,100$$

**3,300,000 - 85,100 =**  
**3,214,900** Hertz or the BX frequency at the 4th lower sideband.

**Note:** Upper Sidebands are always higher frequencies than the carrier frequency.

**Lower Sidebands are always lower frequencies than the carrier frequency.**

**3,300,000 Hz Modulated With 21,275 Hz**

**3,214,900 Hz BX Frequency**

21st Upper Sideband  
 20th Upper Sideband  
 19th Upper Sideband  
 18th Upper Sideband  
 17th Upper Sideband  
 16th Upper Sideband  
 15th Upper Sideband  
 14th Upper Sideband  
 13th Upper Sideband  
 12th Upper Sideband  
 11th Upper Sideband  
 10th Upper Sideband  
 9th Upper Sideband  
 8th Upper Sideband  
 7th Upper Sideband  
 6th Upper Sideband  
 5th Upper Sideband  
 4th Upper Sideband  
 3rd Upper Sideband  
 2nd Upper Sideband  
 1st Upper Sideband  
 3.30 MHz Carrier Frequency  
 1st Lower Sideband  
 2nd Lower Sideband  
 3rd Lower Sideband  
 4th Lower Sideband  
 5th Lower Sideband  
 6th Lower Sideband  
 7th Lower Sideband  
 8th Lower Sideband  
 9th Lower Sideband  
 10th Lower Sideband  
 11th Lower Sideband  
 12th Lower Sideband  
 13th Lower Sideband  
 14th Lower Sideband  
 15th Lower Sideband  
 16th Lower Sideband  
 17th Lower Sideband  
 18th Lower Sideband  
 19th Lower Sideband  
 20th Lower Sideband  
 21st Lower Sideband

In the next chart, shown below, we will show how the Beam Ray Clinical M.O.P.A. instrument produced the BY cancer organism (sarcoma) primary frequency of 3,059,040 Hertz (Dr. Rife's Primary BY organism frequency of 1,529,520 Hertz multiplied by 2) by using an audio frequency of 20,080. The audio frequency of 20,080 Hertz creates many sideband frequencies exactly 20,080 hertz apart. The 12th lower sideband frequency that is created from 20,080 hertz is the BY cancer organism primary frequency of 3,059,040 Hertz.

**1930's Beam Ray Clinical Rife Machine**  
The BY Cancer organism primary frequency used with this machine was **3,059,040 Hertz**.

The **3,300,000 Hertz Carrier frequency** was modulated with an audio frequency of **20,080 Hertz**. It produced harmonic sidebands every **20,080 Hertz** apart.

The 12th lower sideband hit the BX frequency of **3,059,040 Hertz**.

Each Sideband is **20,080 Hertz** apart.

$$20,080 \times 12 = 240,960$$

$3,300,000 - 240,960 =$   
**3,059,040 Hertz** or the BY frequency at the 12th lower sideband.

Note: Upper Sidebands are always higher frequencies than the carrier frequency.

Lower Sidebands are always lower frequencies than the carrier frequency.

**3,300,000 Hz Modulated With 20,080 Hz**

**3,059,040 Hz BY Frequency**

21st Upper Sideband  
20th Upper Sideband  
19th Upper Sideband  
18th Upper Sideband  
17th Upper Sideband  
16th Upper Sideband  
15th Upper Sideband  
14th Upper Sideband  
13th Upper Sideband  
12th Upper Sideband  
11th Upper Sideband  
10th Upper Sideband  
9th Upper Sideband  
8th Upper Sideband  
7th Upper Sideband  
6th Upper Sideband  
5th Upper Sideband  
4th Upper Sideband  
3rd Upper Sideband  
2nd Upper Sideband  
1st Upper Sideband  
3.30 MHz Carrier Frequency  
1st Lower Sideband  
2nd Lower Sideband  
3rd Lower Sideband  
4th Lower Sideband  
5th Lower Sideband  
6th Lower Sideband  
7th Lower Sideband  
8th Lower Sideband  
9th Lower Sideband  
10th Lower Sideband  
11th Lower Sideband  
12th Lower Sideband  
13th Lower Sideband  
14th Lower Sideband  
15th Lower Sideband  
16th Lower Sideband  
17th Lower Sideband  
18th Lower Sideband  
19th Lower Sideband  
20th Lower Sideband  
21st Lower Sideband

In the next chart, shown below, we will show how the Beam Ray Clinical M.O.P.A. instrument produced the Streptothrix primary frequency of 3,260,650 Hertz (Dr. Rife's Primary Streptothrix frequency of 191,803 Hertz multiplied by 17) by using an audio frequency of 7,870 Hertz. The audio frequency of 7,870 Hertz creates many sideband frequencies exactly 7,870 Hertz apart. The 5th lower sideband frequency that is created from 7,870 Hertz is the Streptothrix primary frequency of 3,260,650 Hertz.

**1930's Beam Ray Clinical Rife Machine**  
**Actinomycosis or Streptothrix primary**  
**frequency used with this machine was**  
**3,260,650 Hertz.**

**The 3,300,000 Hertz Carrier frequency**  
**was modulated with an audio fre-**  
**quency of 7,870 Hertz. It produced**  
**harmonic sidebands every 7,870**  
**Hertz apart.**

**The 5th lower sideband hit the**  
**Streptothrix frequency of**  
**3,260,650 Hertz.**

**Each Sideband is**  
**7,870 Hertz apart.**

$$7,870 \times 5 = 39,350$$

**3,300,000 - 39,350 =**  
**3,260,650 Hertz or the**  
**Streptothrix fre-**  
**quency at the 5th**  
**lower sideband.**

**Note: Upper Side-**  
**bands are always**  
**higher frequencies**  
**than the carrier fre-**  
**quency.**

**Lower Sidebands are**  
**always lower fre-**  
**quencies than the**  
**carrier frequency.**

**3,300,000 Hz Modulated With 7,870 Hz**

**3,260,650 Hz Streptothrix Frequency**

21st Upper Sideband  
20th Upper Sideband  
19th Upper Sideband  
18th Upper Sideband  
17th Upper Sideband  
16th Upper Sideband  
15th Upper Sideband  
14th Upper Sideband  
13th Upper Sideband  
12th Upper Sideband  
11th Upper Sideband  
10th Upper Sideband  
9th Upper Sideband  
8th Upper Sideband  
7th Upper Sideband  
6th Upper Sideband  
5th Upper Sideband  
4th Upper Sideband  
3rd Upper Sideband  
2nd Upper Sideband  
1st Upper Sideband  
3.30 MHz Carrier Frequency  
1st Lower Sideband  
2nd Lower Sideband  
3rd Lower Sideband  
4th Lower Sideband  
5th Lower Sideband  
6th Lower Sideband  
7th Lower Sideband  
8th Lower Sideband  
9th Lower Sideband  
10th Lower Sideband  
11th Lower Sideband  
12th Lower Sideband  
13th Lower Sideband  
14th Lower Sideband  
15th Lower Sideband  
16th Lower Sideband  
17th Lower Sideband  
18th Lower Sideband  
19th Lower Sideband  
20th Lower Sideband  
21st Lower Sideband

The next sideband chart, shown below, shows how the Beam Ray Clinical M.O.P.A. instrument produced the E. Coli primary frequency of 3,332,080 Hertz (Dr. Rife's Primary E. Coli frequency of 416,510 Hertz multiplied by 8) by using an audio frequency of 8,020 Hertz. The audio frequency of 8,020 Hertz creates many sideband frequencies exactly 8,020 Hertz apart. The 4th upper sideband frequency that is created from 8,020 Hertz is the E. Coli primary frequency of 3,332,080 Hertz.

**1930's Beam Ray Clinical Rife Machine**  
**E Coli Rod primary frequency used**  
**with this machine was 3,332,080 Hertz.**

**The 3,300,000 Hertz Carrier frequency**  
**was modulated with an audio frequency of 8,020 Hertz. It produced**  
**harmonic sidebands every 8,020 Hertz apart.**

**The 5th lower sideband hit the Streptothrix frequency of 3,332,080 Hertz.**

**Each Sideband is 8,020 Hertz apart.**

$$8,020 \times 4 = 32,080$$

**$3,300,000 + 32,080 = 3,332,080$  Hertz or the Streptothrix frequency at the 5th lower sideband.**

**Note: Upper Sidebands are always higher frequencies than the carrier frequency.**

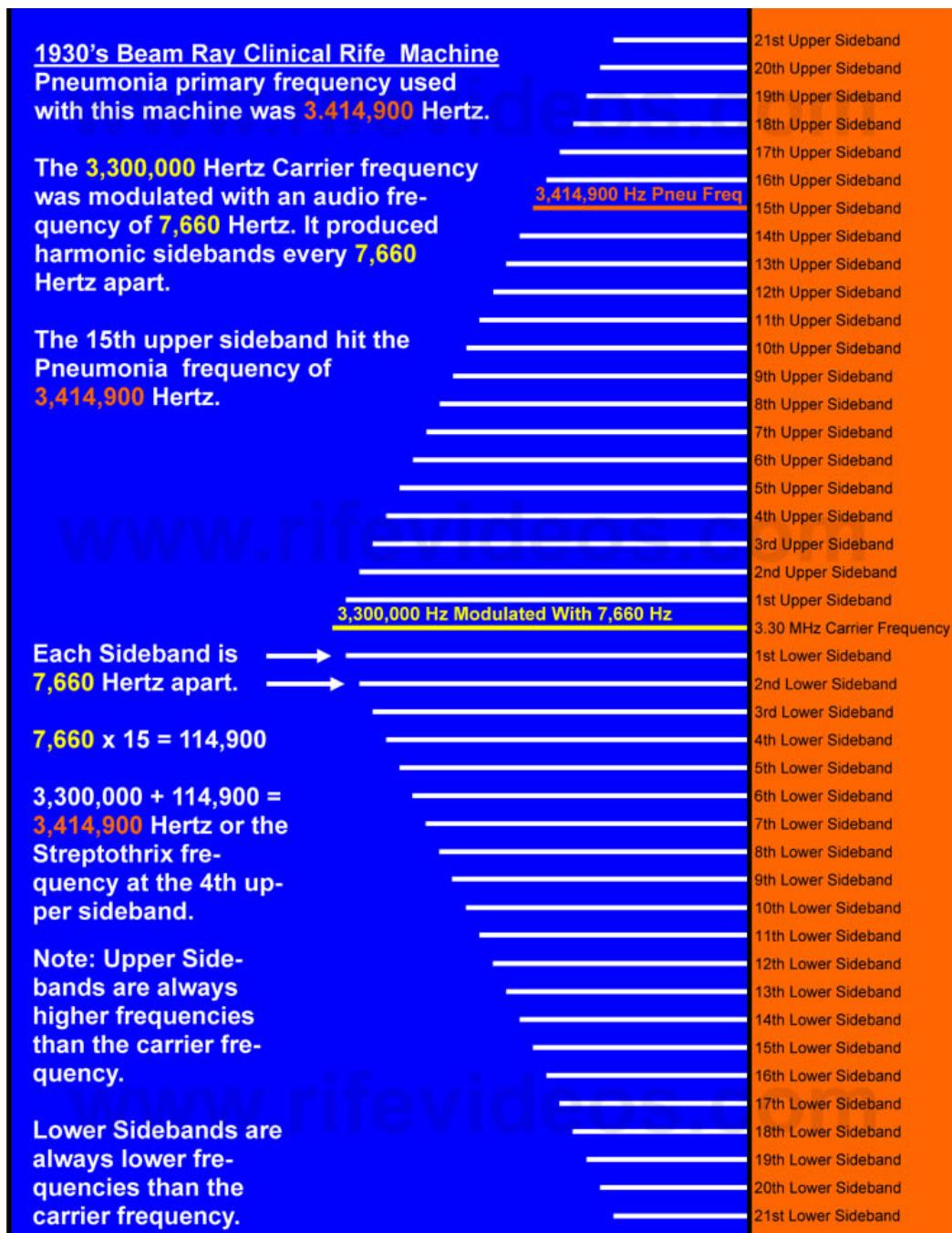
**Lower Sidebands are always lower frequencies than the carrier frequency.**

**3,332,080 Hz E Coli Frequency**

**3,300,000 Hz Modulated With 8,020 Hz**

21st Upper Sideband  
20th Upper Sideband  
19th Upper Sideband  
18th Upper Sideband  
17th Upper Sideband  
16th Upper Sideband  
15th Upper Sideband  
14th Upper Sideband  
13th Upper Sideband  
12th Upper Sideband  
11th Upper Sideband  
10th Upper Sideband  
9th Upper Sideband  
8th Upper Sideband  
7th Upper Sideband  
6th Upper Sideband  
5th Upper Sideband  
4th Upper Sideband  
3rd Upper Sideband  
2nd Upper Sideband  
1st Upper Sideband  
3.30 MHz Carrier Frequency  
1st Lower Sideband  
2nd Lower Sideband  
3rd Lower Sideband  
4th Lower Sideband  
5th Lower Sideband  
6th Lower Sideband  
7th Lower Sideband  
8th Lower Sideband  
9th Lower Sideband  
10th Lower Sideband  
11th Lower Sideband  
12th Lower Sideband  
13th Lower Sideband  
14th Lower Sideband  
15th Lower Sideband  
16th Lower Sideband  
17th Lower Sideband  
18th Lower Sideband  
19th Lower Sideband  
20th Lower Sideband  
21st Lower Sideband

In the final sideband chart, shown below, we will show how the Beam Ray Clinical M.O.P.A. instrument produced the Pneumonia primary frequency of 3,414,900 Hertz (Dr. Rife's Primary Pneumonia frequency of 426,862 Hertz multiplied by 8) by using an audio frequency of 7,660 Hertz. The audio frequency of 7,660 Hertz creates many sideband frequencies exactly 7,660 Hertz apart. The 15th upper sideband frequency that is created from 7,660 Hertz is the Streptothrix primary frequency of 3,414,900 Hertz.



We could have done all the charts for every one of Dr. Rife's organisms but the five that we have shown above demonstrate how the Rife Ray #5 or Beam Ray Clinical instrument worked. These charts and frequencies show exactly how Dr. Rife's Beam Ray Clinical instrument worked. None of the low audio frequencies used in any of the Rife Ray #5 Beam Ray instruments were for the treatment of disease. The charts shown above prove that the low audio frequencies were used to create the high RF frequency sidebands. It was these high RF sideband frequencies which killed, devitalized or rendered harmless the microorganisms. The Beam Ray Clinical Rife instrument was capable of producing the frequencies for all of Dr. Rife's microorganisms, both known and un-known. To find out how this instrument could do this read "[Dr. Rife and Philip Hoyland's 3.30 MHz sweep](#)" page.

Unless a frequency generator can output the full range of the Radio frequencies it cannot work on Dr. Rife's principles or methods. These frequencies which we have shown on this page can only be produced in two ways, either direct or through sidebands. There are only a few frequency generators on the market today that can output Dr. Rife's original frequencies, or the harmonics of Dr. Rife's original frequencies, which are shown on this page.

We do not know of any frequency generator on the market today that the manufacturers call "Rife Machines" that can output these frequencies. There are frequency generators which are NOT called "Rife Machines" that can output these frequencies. Make sure that any frequency generator that you look at purchasing can output Dr. Rife's high RF frequencies. If the manufacturers claim they can produce these RF frequencies using just low audio frequencies, without the use of a

carrier frequency, then you can know without any doubt that their machine cannot output Dr. Rife's original frequencies. Once anyone understands how these original machines work and you decide to purchase one of the many low audio frequency instruments sold on the market today as "Rife Machines" you will not be disappointed later. For frequency generators that can output Dr. Rife's original high RF frequencies, [click here](#).

The final chart, shown below, contains even lower audio frequencies that people have also incorrectly believed were Dr. Rife's true frequencies. We will now give a short history about how this mistake happened. If you want the complete story read [Chapter 12](#) of ["The Rife Machine Report"](#).

In the 1950's Dr. Rife, John Crane and John Marsh started a company called Life Labs. They started building the Beam Ray Clinical instrument again. In 1935 the FCC was created by Congress and they began to control the Radio airwaves starting in 1936. Because the FCC was a small agency it took several years to finally become the agency they are today. In the 1930's Philip Hoyland could choose whatever carrier frequency he wanted to use in the Beam Ray Clinical instrument. He did use two different carrier frequencies that we know of: 3.30 Megahertz and 3.80 Megahertz.

In the 1950's Dr. Rife's partners, John Crane and John Marsh, started Life Labs. They had to apply to the FCC for a new carrier frequency to be used in the rebuilding the Rife Ray #5 or Beam Ray Clinical instrument. They were assigned 4.68 Megahertz as their new carrier frequency for this new 1950's instrument. The problem was the higher audio frequencies that were used with the original 3.30 Megahertz carrier frequency did not properly match the new 4.68 Megahertz carrier frequency.

Because Dr. Rife, John Crane and John Marsh did not understand that the higher audio frequencies needed to be re-calculated to work with the new 4.68 Megahertz carrier frequency, the instrument didn't work properly. For some unknown reason they decided to lower the higher audio frequencies by a factor of 10 times. They then changed the sinewave waveform of these lower audio frequencies to the squarewave waveform. The lowering of these frequencies made it so that the new lower audio frequencies would never work properly to create the sideband method developed by Philip Hoyland. By lowering the audio frequencies this made it so they were only using the squarewave audio frequency harmonics to treat the various organisms.

This change from high audio frequencies to even lower audio frequencies made it so the high RF frequency sideband method was no longer used. Because of these mistakes people have been using these lower square wave audio frequencies for many years believing that they were Dr. Rife's true frequencies. Today almost all the manufacturers of the many so called "Rife Machines" only use these lower audio frequencies because they do not know how the original instrument worked. Because they do not know how the original machines worked they are still giving these low audio frequencies to their customers not understanding they are not Dr. Rife's true frequencies. For this reason we have given this information on this page so that anyone reading it will know what frequencies are Dr. Rife's true original frequencies.

To learn the complete historical information about how the 1950's lower audio frequencies were wrongly believed to be Dr. Rife's original frequencies read [Chapter 12](#) of ["The Rife Machine Report"](#).

<b>Low Audio Square Wave Frequencies</b>			
<b>Incorrectly Believed To Be Dr. Rife's True Frequencies. No Fixed Carrier Frequency Will Make Them Produce Dr. Rife's True Frequencies Using The Sideband Method Because They Are Too Low.</b>			
B or E Coli Rod	800Hz	Streptothrix	784 Hz
B or E Coli Virus	1552 Hz	Syphilis or Treponema	660 Hz
BX Virus Carcinoma	2128 Hz	Tetanus	120 Hz
BY Sarcoma	2008 Hz	Tuberculosis Rod	803 Hz
Gonorrhea	712 Hz	Tuberculosis Virus	1552 Hz
Pneumonia or Spinal Meningitis	776 Hz	Typhoid Rod	712 Hz
Staphylococcus	727 Hz	Typhoid Virus	1862 Hz
Streptococcus	880 Hz		

Until the 1950's all of Dr. Rife's machine frequencies were based on his "Original High Frequencies" shown in the first chart on this page. Even though Philip Hoyland based his higher harmonic frequencies on the use of a fixed carrier frequency in combination with high audio frequencies to create sidebands, the machines still worked on Dr. Rife's principle of coordinative resonance. The low squarewave audio frequencies have never achieved the results that were attained in the 1934 clinic and do not work on the principle of coordinative resonance that Dr. Rife used with his high RF frequencies.

If you want to use Dr. Rife's original high RF frequencies then you will need to use a frequency generator that will output his frequencies from 139,200 Hertz to 1,607,450 Hertz. If you want to use the higher harmonic frequencies that Philip Hoyland used in the Beam Ray Clinical instruments then you will have to purchase a frequency generator with a higher frequency range. To see a few generators on the market that have the ability to output these frequencies [click here](#).

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